

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE
STATE ADMINISTRATIVE BOARD

T&NR Meeting: January 14, 2014– Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM
State Administrative Board Meeting: January 14, 2014 – Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM



This agenda is for general informational purposes only. At its discretion, the Transportation and Natural Resources Committee may revise this agenda and may take up other issues at the meeting.

CONTRACTS

1. *EXECUTIVE – Test Track Initiative
Contract (2014-0006) between MDOT and the Regents of the University of Michigan (U of M) will provide for MDOT to grant U of M \$3,200,000 toward its construction of a test track facility for automated vehicle, vehicle to vehicle, vehicle to infrastructure, and smart infrastructure initiatives. MDOT will provide U of M with \$1,100,000 for fiscal year 2014 and \$2,100,000 for fiscal year 2015. In return for its contribution, MDOT will have access to the test track for its own testing. The contract will take effect on October 1, 2013; it will remain in effect unless it is terminated by one of the parties. The contract amount will be \$3,200,000. Source of Funds: 80% Federal Highway Administration Funds and 20% State Restricted Trunkline Funds

2. *HIGHWAYS – Add Third-Year Funding
Amendatory Contract (2011-0445/A2) between MDOT and Emergency Road Response, Inc., will add third year funding of \$1,852,074 to provide for the continuation of freeway courtesy patrol services for calendar year 2014. The original contract provides for freeway courtesy patrol services to be performed in Southeast Michigan. The work includes assisting stranded motorists, safely and quickly clearing the freeway of incidents, and keeping travelers informed of any unplanned traffic events. The contract term remains unchanged, December 29, 2011, through December 31, 2014. The revised contract amount will be \$5,556,222. Source of Funds: 81.85% Federal Highway Administration Funds and 18.15% State Restricted Trunkline Funds.

3. *HIGHWAYS – Increase Services and Amount, Extend Term
Amendatory Contract (2012-0770/A2) between MDOT and the Regents of the University of Michigan, on behalf of the University of Michigan Transportation Research Institute, will provide for the performance of additional services related to a Weather Responsive Traveler Information System, will increase the contract amount by \$114,414, and will extend the contract term by one year to provide sufficient time for the university to complete the additional services. The original contract provides support for the implementation of MDOT's Integrated Mobility Operations Project in accordance with a federal grant given to MDOT by the Federal Highway Administration (CS 84900 – JN 122184). The services include raw data management, software updates, technical support, and equipment procurement. The revised contract term will be October 16, 2012, through November 1, 2015. The revised contract amount will be \$501,619. Source of Funds: Federal Highway Administration Funds - \$501,619.
4. HIGHWAYS – IDS Engineering Services
Authorization (12) under Contract (2013-0114) between MDOT and Rowe Professional Services Company will provide for design services to be performed for the resurfacing of approximately 6.258 miles of M-33 (with select areas of reconstruction) from 1000 feet south of Long Lake Road northerly to M-27 in Benton and Aloha Townships, Cheboygan County (CS 16051 – JN 119808C). The work items will include preparing required plans, including typical cross-sections, maintaining traffic plans, permanent non-freeway signing plans, and pavement marking plans, and surveying. The authorization will be in effect from the date of award through April 10, 2015. The authorization amount will be \$612,300.07. The contract term is February 13, 2013, through February 12, 2016. Source of Funds: 81.85% Federal Highway Administration Funds and 18.15% State Restricted Trunkline Funds.
5. HIGHWAYS - IDS Engineering Services
Contract (2014-0094) between MDOT and Carter & Associates Engineering, LLC, will provide for services for which the consultant is prequalified to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through three years. The maximum contract amount will be \$4,000,000, and the maximum amount of any authorization will be \$1,000,000. Authorizations over \$500,000 will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.

6. *HIGHWAYS - Design Services
Contract (2014-0099) between MDOT and Tetra Tech of Michigan, P.C., will provide for as-needed load rating analysis of bridges and quality assurance and quality control reviews of bridge load ratings and load rating software to be performed in accordance with National Bridge Inspection Standards at various locations throughout Michigan. The majority of the structures to be load-rated will be complex structures, including arches, trusses, curved structures, and deteriorated or damaged structures. The contract will be in effect from the date of award through December 1, 2016. The maximum contract amount will be \$1,000,000. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.
7. *HIGHWAYS - Design Services
Contract (2014-0100) between MDOT and Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C., will provide for as-needed load rating analysis of bridges and quality assurance and quality control reviews of bridge load ratings and load rating software to be performed in accordance with National Bridge Inspection Standards at various locations throughout Michigan. The majority of the structures to be load-rated will be complex structures, including arches, trusses, curved structures, and deteriorated or damaged structures. The contract will be in effect from the date of award through December 1, 2016. The maximum contract amount will be \$999,564.24. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.
8. *HIGHWAYS - Design Services
Contract (2014-0101) between MDOT and Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C., will provide for as-needed load rating analysis of standard bridges to be performed in accordance with National Bridge Inspection Standards at various locations throughout Michigan. The load-rated structures will include steel, reinforced concrete, and prestressed concrete bridges and culverts. The contract will be in effect from the date of award through December 1, 2016. The maximum contract amount will be \$799,985.19. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.
9. *HIGHWAYS - Design Services
Contract (2014-0102) between MDOT and Tetra Tech of Michigan, P.C., will provide for as-needed load rating analysis of standard bridges to be performed in accordance with National Bridge Inspection Standards at various locations throughout Michigan. The load-rated structures will include steel, reinforced concrete, and prestressed concrete bridges and culverts. The contract will be in effect from the date of award through December 1, 2016. The contract amount will be \$800,000. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.

10. *HIGHWAYS - Design Services
Contract (2014-0103) between MDOT and Williams & Works, Inc., will provide for as-needed load rating analysis of standard bridges to be performed in accordance with National Bridge Inspection Standards at various locations throughout Michigan. The load-rated structures will include steel, reinforced concrete, and prestressed concrete bridges and culverts. The contract will be in effect from the date of award through December 1, 2016. The contract amount will be \$799,968.15. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.
11. *HIGHWAYS - Design Services
Contract (2014-0104) between MDOT and IBI Group Michigan, LLC, will provide for as-needed load rating analysis of standard bridges to be performed in accordance with National Bridge Inspection Standards at various locations throughout Michigan. The load-rated structures will include steel, reinforced concrete, and prestressed concrete bridges and culverts. The contract will be in effect from the date of award through December 1, 2016. The contract amount will be \$800,016.05. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.
12. HIGHWAYS - IDS Engineering Services
Contract (2014-0105) between MDOT and Alfred Benesch & Company will provide for services for which the consultant is prequalified to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through three years. The maximum contract amount will be \$4,000,000, and the maximum amount of any authorization will be \$1,000,000. Authorizations over \$500,000 will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.
13. HIGHWAYS - IDS Engineering Services
Contract (2014-0106) between MDOT and Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C., will provide for services for which the consultant is prequalified to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through three years. The maximum contract amount will be \$4,000,000, and the maximum amount of any authorization will be \$1,000,000. Authorizations over \$500,000 will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.

14. HIGHWAYS - IDS Engineering Services
Contract (2014-0107) between MDOT and Rowe Professional Services Company will provide for services for which the consultant is prequalified to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through three years. The maximum contract amount will be \$4,000,000, and the maximum amount of any authorization will be \$1,000,000. Authorizations over \$500,000 will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.
15. HIGHWAYS - IDS Engineering Services
Contract (2014-0108) between MDOT and Surveying Solutions, Inc., will provide for services for which the consultant is prequalified to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through three years. The maximum contract amount will be \$4,000,000, and the maximum amount of any authorization will be \$1,000,000. Authorizations over \$500,000 will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.
16. HIGHWAYS - IDS Engineering Services
Contract (2014-0109) between MDOT and Tetra Tech of Michigan, P.C., will provide for services for which the consultant is prequalified to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through three years. The maximum contract amount will be \$4,000,000, and the maximum amount of any authorization will be \$1,000,000. Authorizations over \$500,000 will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.
17. HIGHWAYS - IDS Engineering Services
Contract (2014-0114) between MDOT and Quantum Spatial, Inc. will provide for services for which the consultant is prequalified to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through three years. The maximum contract amount will be \$4,000,000, and the maximum amount of any authorization will be \$1,000,000. Authorizations over \$500,000 will be submitted to the State Administrative Board for approval. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.

18. *MACKINAC BRIDGE AUTHORITY - Renewal of Fiber Optic Cable Facilities License
Amendatory Contract (2008-0473/A1) between the Mackinac Bridge Authority (MBA) and Charter Communications Operating, LLC, will renew the limited license for the use of unused fiber optic cables owned by the MBA for an additional five years and will increase the contract amount by \$186,882.57 in revenue. The original contract provides for the MBA to grant Charter Communications Operating, LLC, a nonexclusive license to use certain dark fibers located across the Mackinac Bridge for its provision of communications services. The revised contract term will be January 1, 2009, through December 31, 2018. This is a revenue contract. The revised contract amount will be \$331,930.40.
19. HIGHWAYS (Development Services) - IDS Real Estate Services Contract
Contract (2014-0084) between MDOT and Massey & Associates Valuation Services, LLC, will provide for all aspects of technical, appraisal, acquisition, and property management services for the Real Estate Section to be performed on an as needed/when needed basis. The contract will be in effect from the date of award through three years. The maximum contract amount will be \$500,000, and the maximum amount of any authorization will be \$90,000. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.

SUB CONTRACTS

20.	Plummer's Environmental Services	Low Bid:	\$270,000
	10075 Sedroc Industrial Drive	1 st Year:	\$ 90,000
	Byron Center, MI 49315	2nd Year:	\$ 90,000
		3 rd Year:	\$ 90,000

Description of Work: Catch Basin Cleaning

Approval is requested to authorize the Kent County Road Commission to award a three-year subcontract for catch basin cleaning and storm infrastructure maintenance, including emergency services, at various locations on state trunklines in Kent County. The project was advertised, and five bids were received. In order to meet maintenance needs at different times of the year, it is recommended that subcontracts be awarded to the two lowest bidders that are comparable in price. For each job, the County will take the lowest bidder based on the hourly rate and type of work to be performed. If the contractor is unable to perform the work, the County must go to the next lowest bidder. Costs are based on a set unit cost per hour that remains fixed throughout the term of the contract. The County has found the costs to be reasonable and competitive with costs in surrounding counties. The subcontract will be in effect from the date of award through December 31, 2016. Source of Funds: 100% State Restricted Trunkline Funds.

21.	B & B Environmental Services Inc.	Low Bid:	\$270,000
	5205 Centerline Road	1 st Year:	\$ 90,000
	Newago, MI 48337	2 nd Year:	\$ 90,000
		3 rd Year:	\$ 90,000

Description of Work: Catch Basin Cleaning

Approval is requested to authorize the Kent County Road Commission to award a three-year subcontract for catch basin cleaning and storm infrastructure maintenance, including emergency services at various locations on state trunklines in Kent County. The project was advertised, and five bids were received. In order to meet maintenance needs at different times of the year, it is recommended that subcontracts be awarded to the two lowest bidders, which are comparable in price. For each job, the County will take the lowest bidder based on the hourly rate and type of work to be performed. If the contractor is unable to perform the work, the County must go to the next lowest bidder. Costs are based on a set unit cost per hour that remains fixed throughout the term of the contract. The County has found the costs to be reasonable and competitive with costs in surrounding counties. The subcontract will be in effect from the date of award through December 31, 2016. Source of Funds: 100% State Restricted Trunkline Funds.

22.	DeYoung Concrete Inc.	Low Bid:	\$300,000
	9330 Belding Road	1 st Year:	\$100,000
	Rockford, MI 49341	2 nd Year:	\$100,000
		3 rd Year:	\$100,000

Description of Work: Concrete Construction

Approval is requested to authorize the Kent County Road Commission to award a three-year subcontract for concrete construction, including curbs, gutters, sidewalks, and driveways, at various locations in Kent County. The project was advertised and two bids were received. The lowest bid was accepted. Costs are based on a set unit cost per square foot and will remain fixed throughout the term of the contract. The County has found the costs to be reasonable and competitive with costs in surrounding counties. The subcontract will be in effect from the date of award through December 31, 2016. Source of Funds: 100% State Restricted Trunkline Funds.

* Denotes a non-standard contract/amendment

BID LETTING PRE-APPROVALS

STATE PROJECTS

23. LETTING OF JANUARY 10, 2014 PREQUALIFICATION LEVEL
 PROPOSAL 1401033 \$ 1,468,000.00
 PROJECT NH 17033-110622
 LOCAL AGRMT.
 START DATE - 10 days after award
 COMPLETION DATE - OCTOBER 03, 2014

0.81 mi of replacing 64-inch by 75-inch corrugated metal pipe and 81-inch by 59-inch arch pipe with a 137-inch by 87-inch steel plate arch and an 87-inch by 63-inch steel plate arch, respectively, including hot mix asphalt cold milling and paving, concrete base course, curb and gutter, detour route improvements, and pavement markings on I-75 from north of Mackinac Trail northerly to south of the I-75 and M-28 interchange, Chippewa County.

3.00 % DBE participation required

24. LETTING OF JANUARY 10, 2014 PREQUALIFICATION LEVEL
 PROPOSAL 1401034 \$ 5,506,000.00
 PROJECT BHN 54014-115159
 LOCAL AGRMT.
 START DATE - 10 days after award
 COMPLETION DATE - JUNE 01, 2015

Bridge rehabilitation, epoxy overlay, minor deck patching, joint replacement, deck drain extensions, epoxy crack injection of superstructure, repair of post-tensioning tendon anchorage blocks, minor concrete girder repair, substructure repair, electrical work, riprap, approaches, installation of external post-tensioning system, and construction of cross-overs on US-131 northbound and southbound over Muskegon River, Mecosta County. This project includes a 5 year materials and workmanship pavement warranty.

3.00 % DBE participation required

25. LETTING OF JANUARY 10, 2014 PREQUALIFICATION LEVEL
 PROPOSAL 1401035 \$ 1,622,000.00
 PROJECT NH 16093-120331
 LOCAL AGRMT.
 START DATE - AUGUST 18, 2014
 COMPLETION DATE - OCTOBER 20, 2014

8.46 mi of microsurfacing warranty, overband crack filling, and pavement markings on I-75 northbound and southbound from north of Webb Road northerly to M-68, Cheboygan County. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required

* Denotes a non-standard contract/amendment

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| 26. | LETTING OF JANUARY 10, 2014
PROPOSAL 1401036
PROJECT STG 84915-111658
LOCAL AGRMT.
START DATE - MARCH 17, 2014
COMPLETION DATE - OCTOBER 31, 2014 | PREQUALIFICATION LEVEL
\$ 1,439,000.00 |
| | Traffic signal modernization at 16 locations on M-37, M-43, M-66, M-86, M-89, M-96, M-179, I-69BL, I-94BL, and US-12 in the cities of Battle Creek, Coldwater and Marshall, Barry, Branch, and Calhoun Counties. | |
| | 0.00 % DBE participation required | |
| 27. | LETTING OF JANUARY 10, 2014
PROPOSAL 1401037
PROJECT CM 13161-116545-2
LOCAL AGRMT.
START DATE - JUNE 02, 2014
COMPLETION DATE - AUGUST 29, 2014 | PREQUALIFICATION LEVEL
\$ 1,326,000.00 |
| | 1.26 mi of widening roadway for a center, left-turn lane, hot mix asphalt cold milling and resurfacing, relocation of watermain hydrants, and intersection and drainage improvements on I-94BL (Michigan Avenue) from Wattles Road to Wheatfield Parkway, Calhoun County. This project includes a 5 year materials and workmanship pavement warranty. | |
| | 5.00 % DBE participation required | |
| 28. | LETTING OF JANUARY 10, 2014
PROPOSAL 1401038
PROJECT EBSL 19031-120354
LOCAL AGRMT.
START DATE - JUNE 02, 2014
COMPLETION DATE - JULY 16, 2014 | PREQUALIFICATION LEVEL
\$ 1,196,000.00 |
| | 2.27 mi of hot mix asphalt cold milling, resurfacing, and placing fiber-reinforced bituminous membrane on Old US-27 from Chadwick Road to Pratt Road, Clinton County. This project includes a 3 year materials and workmanship pavement warranty. | |
| | 0.00 % DBE participation required | |

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| 29. | LETTING OF JANUARY 10, 2014
PROPOSAL 1401039
PROJECT HSIP 23152-113078
LOCAL AGRMT.
START DATE - APRIL 15, 2014
COMPLETION DATE - AUGUST 01, 2015 | PREQUALIFICATION LEVEL
\$ 1,174,000.00 |
| | 6.18 mi of median cable barrier, guardrail, slope flattening, and removal of bullnose guardrail on I-96 from north of Sheridan Road to Canal Road, Eaton and Clinton Counties. | |
| | 0.00 % DBE participation required | |
| 30. | LETTING OF JANUARY 10, 2014
PROPOSAL 1401040
PROJECT ST 04012-120166
LOCAL AGRMT.
START DATE - MAY 27, 2014
COMPLETION DATE - JUNE 30, 2014 | PREQUALIFICATION LEVEL
\$ 967,000.00 |
| | 20.83 mi of single course chip sealing and fog sealing on M-65 from north of M-32 to south of US-23 and on M-72 from east of Crooked Lake Road to west of M-65, Alpena, Presque Isle, and Alcona Counties. This project includes a 2 year pavement performance warranty. | |
| | 0.00 % DBE participation required | |
| 31. | LETTING OF JANUARY 10, 2014
PROPOSAL 1401041
PROJECT ST 17011-121769
LOCAL AGRMT.
START DATE - 10 days after award
COMPLETION DATE - JULY 03, 2014 | PREQUALIFICATION LEVEL
\$ 571,000.00 |
| | 7.37 mi of overband crack filling, double chip sealing, and miscellaneous aggregate shouldering on M-123 from north of M-28 northerly, Chippewa County. This project includes a 2 year pavement performance warranty. | |
| | 0.00 % DBE participation required | |

LOCAL PROJECTS

38. LETTING OF JANUARY 10, 2014 PREQUALIFICATION LEVEL
 PROPOSAL 1401048 \$ 2,508,000.00
 PROJECT STU 82457-120431
 LOCAL AGRMT. 13-5703
 START DATE - MARCH 01, 2014
 COMPLETION DATE - SEPTEMBER 30, 2014

1.00 mi of hot mix asphalt cold milling and resurfacing, cold milling concrete pavement, concrete pavement, curb, gutter and sidewalk ramps, and pavement markings on Schaefer Road from Ford Road (M-153) to Warren Avenue in the city of Dearborn, Wayne County.

10.00 % DBE participation required

POST-APPROVALS

LOCAL PROJECTS

39. LETTING OF DECEMBER 06, 2013 ENG. EST. LOW BID
 PROPOSAL 1312014 \$ 588,870.00 \$ 702,519.08
 PROJECT STU 82457-121106
 LOCAL AGRMT. 13-5653 % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - 100 calendar days 19.30 %

83.00 mi of overband crack seal on various routes in the city of Detroit, Wayne County.

0.00 % DBE participation required

BIDDER	AS-SUBMITTED	AS-CHECKED
Scodeller Construction, Inc.	\$ 702,519.08	Same 1 **
Michigan Joint Sealing, Inc.	\$ 1,692,614.65	Same 2
Interstate Sealant & Concrete, Inc.		

2 Bidders

40. LETTING OF DECEMBER 06, 2013 ENG. EST. LOW BID
 PROPOSAL 1312028 \$ 398,446.50 \$ 512,673.86
 PROJECT TA 63459-119507
 LOCAL AGRMT. 13-5658 % OVER/UNDER EST.
 START DATE - APRIL 01, 2014
 COMPLETION DATE - SEPTEMBER 19, 2015 28.67 %

0.13 mi of pavement removal, concrete curb, gutter and sidewalk, hot mix asphalt cold milling and resurfacing, drainage, and streetscaping on Squirrel Court from Auburn Road northerly to Squirrel Road in the city of Auburn Hills, Oakland County.

5.00 % DBE participation required

* Denotes a non-standard contract/amendment

BIDDER	AS-SUBMITTED	AS-CHECKED
Fiore Enterprises LLC	\$ 512,673.86	Same 1 **
Pamar Enterprises, Inc.	\$ 522,182.56	Same 2
Warren Contractors & Development	\$ 549,733.20	Same 3
Florence Cement Company	\$ 572,801.98	Same 4
Goretski's Construction Company	\$ 572,856.20	Same 5
Zito Construction	\$ 580,948.70	Same 6
Pavex Corporation	\$ 620,086.25	Same 7
Angelo Iafrate Construction Company	\$ 654,277.48	Same 8
Ajax Paving Industries, Inc.		

8 Bidders

In accordance with MDOT's policies and procedures and subject to concurrence by the Federal Highway Administration, the preparation and award of the appropriate documents approved by the Attorney General, and compliance with all legal and fiscal requirements, the Director recommends for approval by the State Administrative Board the items on this agenda.

The approval by the State Administrative Board of these contracts does not constitute the award of same. The award of contracts shall be made at the discretion of the Director-Department of Transportation when the aforementioned requirements have been met. Subject to exercise of that discretion, I approve the contracts described in this agenda and authorize their award by the responsible management staff of MDOT to the extent authorized by, and in accordance with, the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of October 7, 2013.

Respectfully submitted,

*Authorized Signature on file
January 9, 2014*

Kirk T. Steudle
Director